ESTA® Kieserite 'fine'

EC FERTILISER
Kieserite 27+55
27 % MgO, water-soluble magnesium oxide
55 % SO_3, water-soluble sulphur trioxide (= 22 % S)

Version 3 printing date: 2009 07 27

Chemical Analysis:	**typical**	**w**
• Magnesium Sulphate ($MgSO_4$)	81	%
• Other Sulphates (K_2SO_4, $CaSO_4$)	5	%
• Chlorides (KCl, NaCl)	2.5	%
• Others, mainly Water of Crystallization	11.5	%
• Cl	<= 3	%

Granulometry:	**typical**	**w**
• > 0.8 mm	8	%
• 0.09 - 0.8 mm	90	%
• < 0.09 mm	2	%
• d_{50} [mm]	0.38	

Storage:

• Bulk Density	ca. 1,380 kg/m³
• Bulk Density (packed)	ca. 1,550 kg/m³
• Angle of Repose	ca. 34 °

Keep in a dry place and protect from moisture. A bituminous coating is recommended for the floor and walls of bulk stores. Metal surfaces should receive a corrosion resistant coating. Wooden walls and roof trusses are ideal. It is recommended to cover bulk-stored product with a plastic tarpaulin especially in case of high atmospheric humidity.

Application:

Adequate magnesium and sulphur nutrition is essential to obtain maximum yield and quality. ESTA® Kieserite 'fine' contains magnesium and sulphur as water soluble sulphate, which is readily available to the plant. ESTA® Kieserite 'fine' can be applied to all crops and soil types - regardless of pH-value and is immediately available with long-lasting effect. ESTA® Kieserite 'fine' can be applied as a "straight" or can be used in a manufacture of compound fertilizers.
Our product is made from crude potassium salt of natural origin and is permitted for use in organic farming according to the Regulations (EC) No 834/2007 and (EC) No 889/2008.

® = registered trademark of companies of K+S group

The data given above are based on our continuous quality monitoring system. They do not exempt the users from their obligation to make an incoming control of the delivered product. The data are for information purposes only and are not to be taken as a guarantee. It is the responsibility of the users to determine the product's suitability for its intended use.

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